

Date: Thu, 16 Jun 94 04:30:28 PDT  
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>  
Errors-To: Ham-Homebrew-Errors@UCSD.Edu  
Reply-To: Ham-Homebrew@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Homebrew Digest V94 #164  
To: Ham-Homebrew

Ham-Homebrew Digest                      Thu, 16 Jun 94                      Volume 94 : Issue    164

Today's Topics:

    "Renewal" reusable alkaline batteries  
        Animal tracking    (3 msgs)  
    Beware of RADIOKIT kits (IMHO)  
        HP8052-3081 PIN diodes  
    Midnight Engineering address  
        Plans for packet modem  
    Question : Possible to make a scanner ??  
        Railroad track as an antenna?  
        Shortwave radio guide book  
    Shortwave radio guide book    HELP!!! (2 msgs)

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>  
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 15 Jun 94 22:10:00 -0400  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!MathWorks.Com!  
noc.near.net!eisner!cornelius@network.ucsd.edu  
Subject: "Renewal" reusable alkaline batteries  
To: ham-homebrew@ucsd.edu

I am interested in information about Rayovac "Renewal" reusable alkaline  
batteries.

They look like a good deal, since the batteries themselves are similar  
in cost to ordinary alkalines, and unlike other rechargables have the  
full capacity of an alkaline battery , at least for the first few times  
the battery is reused.

Does anyone have experience with them or understand how they work? Is it possible to charge them yourselves, or are the specs for doing so being kept quiet by the manufacturer?

--

George Cornelius, WB0RRB

[cornelius@eisner.decus.org](mailto:cornelius@eisner.decus.org)

[cornelius@mayo.edu](mailto:cornelius@mayo.edu)

-----  
Date: Wed, 15 Jun 94 16:12:47 GMT

From: [ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!netcomsv!skyld!jangus@network.ucsd.edu](mailto:ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!netcomsv!skyld!jangus@network.ucsd.edu)

Subject: Animal tracking

To: [ham-homebrew@ucsd.edu](mailto:ham-homebrew@ucsd.edu)

In article <9406151151.aa28242@post.demon.co.uk> Richard@mole.demon.co.uk writes:

> A friend is having trouble with sheep rustling - he's has about 70 stolen  
> this summer so far. The local Police won't do anything unless we can tell  
> them who's taking the sheep!

> Anyone with any thoughts? Anyone experienced this problem before?  
> and solved it?

My suggestion would be Colbalt 60. Should be easy enough to track.

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM	"You have a flair for adding
Internet: <a href="mailto:jangus@skyld.grendel.com">jangus@skyld.grendel.com</a>	a fanciful dimension to any
US Mail: PO Box 4425 Carson, CA 90749	story."
Phone: 1 (310) 324-6080	Peking Noodle Co.

Hate "Green Card Lottery"? Want to help curb ignorant crossposting on Usenet?  
E-mail [ckeroack@hamp.hampshire.edu](mailto:ckeroack@hamp.hampshire.edu) for more information, or read news.groups.

-----  
Date: Wed, 15 Jun 1994 16:54:16 GMT

From: [ihnp4.ucsd.edu!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu](mailto:ihnp4.ucsd.edu!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu)

Subject: Animal tracking

To: [ham-homebrew@ucsd.edu](mailto:ham-homebrew@ucsd.edu)

In article <1994Jun15.144631.19774@kd4dts.atl.ga.us> [jcw@kd4dts.atl.ga.us](mailto:jcw@kd4dts.atl.ga.us) (John C. Wren) writes:

>Wouldn't it be easier to put some kind of electronic perimeter fence (laser,  
>capacitive, siesmic) and just go tearing out there with you Uzi in hand,

>instead? With the constraints you've placed on the transmitter, current  
>technology is not going to be cost effective. Another option may be to  
>use some kind of infrared cameras and a VCR. Only problem with this is  
>that sheep are going to show up. Maybe wire a couple of the sheep with  
>5 pounds of C-4 with a radio receiver, and if the carrier ever drops,  
>\*KABOOM\*. No more sheep, no more sheep rustler...

Obvious solutions to Americans, but Richard isn't in a free  
country. He can't just deal with the rustlers without the  
jackboots of authority coming down on him.

I think a pulse transmitter is going to be the best bet. Peak  
power can be high enough to be detected at a distance but average  
power would be low enough to allow for decent battery life. A  
two FET circuit with one FET acting as a timer/switch and the  
other as the switched oscillator should do. I like the idea  
of the C4 better though. :-)

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

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Date: Wed, 15 Jun 1994 23:00:00 +0000

From: ihnp4.ucsd.edu!swrinde!pipex!demon!mole.demon.co.uk!Richard@network.ucsd.edu

Subject: Animal Tracking

To: ham-homebrew@ucsd.edu

John C. Wren writes:

>Wouldn't it be easier to put some kind of electronic perimeter fence (laser,  
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>use some kind of infrared cameras and a VCR. Only problem with this is  
>that sheep are going to show up. Maybe wire a couple of the sheep with  
>5 pounds of C-4 with a radio receiver, and if the carrier ever drops,  
>\*KABOOM\*. No more sheep, no more sheep rustler...

Hmmm. Problem is the perimeter is about five miles long, changes elevation  
by about 500 feet, goes through woods and streams and the sheep could be  
going through \*any\* section of it. Then it's about eight miles of narrow,  
twisty road from my friends farmhouse to the land where the sheep are. All  
this kinda rules out perimeter guards or IR cameras.

The last solution maybe an answer, though

; ->

Cheers

Richard Smith (richard@mole.demon.co.uk)

Antique & classic Auto restorer, Agricultural engineer, shepherd,  
electrician, electronics design engineer (in order of income!)

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Date: Thu, 16 Jun 1994 00:39:35 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!newsserver.jvnc.net!  
raffles.technet.sg!ntuix!ntuvax.ntu.ac.sg!asirene@network.ucsd.edu  
Subject: Beware of RADIOKIT kits (IMHO)  
To: ham-homebrew@ucsd.edu

In article <1994Jun12.122846.1@ccsua.ctstateu.edu>, white@ccsua.ctstateu.edu  
writes:

>  
> I purchased 2 kits from RADIOKIT (New Hampshire) recently (the QRP-20  
> by K1BQT and the 7MHz Optimized by W7EL).  
> First, the 7MHz kit was missing SEVEN parts (5 caps, 1 pot, 1 resistor). After  
> 2 attempts to get these components replaced over 2 weeks, I received  
> ONLY the pot. No explanation as to where the rest of the parts are.  
> Now for the UGLY one..... the QRP-20 kit is a mess.....missing parts,  
> wrong-sized standoffs for critical transistor heat sink installation,  
> directions furnished are for the QRP 15 (!) with several "mod sheets",  
> undrilled PCB connections, PCB layout errors, gross assumptions in  
> directions, changes in kit that were not forwarded to customers, etc.  
> and etc. And gee, all this fun for \$100. "Easy to build ....comes with  
> detailed manual and parts diagram [for a different RIG]..... easy to  
> wind coils with \_full\_pictorials\_ [NOT] ...." etc. etc.  
> This is reckless merchandising at best. I'm no rocket scientist,

I second all of the above, not to mention awful performance. Birdies all across  
the band. Only redeeming feature is its small size (QRP-20).

> but this is NOT what it was portrayed to be.  
>  
>

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Date: Wed, 15 Jun 1994 12:41:48 GMT  
From: psinntp!arrl.org!zlau@uunet.uu.net  
Subject: HP8052-3081 PIN diodes  
To: ham-homebrew@ucsd.edu

I noticed them for \$1.99 each in the Allied/Hallmark catalog  
1-800-433-5700.

bsn@ziggy.ph.utexas.edu wrote:

: Can anyone suggest a source for small lot quantities of the above  
: referenced PIN diode?

--

Zack Lau KH6CP/1                    2 way QRP WAS  
                                     8 States on 10 GHz  
Internet: zlau@arrl.org    10 grids on 2304 MHz

-----  
Date: 15 Jun 1994 20:46:22 -0400  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.intercon.com!news1.digex.net!  
digex.net!not-for-mail@network.ucsd.edu  
Subject: Midnight Engineering address  
To: ham-homebrew@ucsd.edu

An earlier poster requested the address for Midnight Engineering magazine.

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Date: 15 Jun 94 17:53:58 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Plans for packet modem  
To: ham-homebrew@ucsd.edu

I know that someone posted a similar request for plans for a homebrew packet  
modem the other day. I someone does have plans or an FTP site with plans,  
could you send me a carbon copy or email.

Also could you recommend software to use with it, or will any communications SW  
work with it (ProComm,SmartComm,etc.)?

TNX  
Bren  
KC5GWA  
BDORECK@BEACH.UTMB.EDU

-----  
Date: 16 Jun 1994 05:29:41 -0500  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu  
Subject: Question : Possible to make a scanner ??  
To: ham-homebrew@ucsd.edu

Hi,

Sorry if this is a stupid question. I am new and very interested in scanners. I was just wondering if it is possible to assemble/"make" a scanner from scratch - I mean going to the electrical shop to buy those transistors, diodes, etc and assemble it up.

If it is possible, is there a guideline outthere where I can download.

Thanks.

-- fhlee@csam.my

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Date: 16 Jun 94 06:57:17 GMT  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!torn!spartan.ac.BrockU.CA!  
s9898198@uchvax.berkeley.edu  
Subject: Railroad track as an antenna?  
To: ham-homebrew@ucsd.edu

I have heard a legend that a college radio station (either at MIT, Tufts, or Swarthmore) welded antenna to railroad tracks, and peeved the FCC by broadcasting nationwide. Is this true? If anyone knows, please email me (or post here) If you do know, could you please direct me to some documentation regarding this legend if you can.

This is very important! Thanks in advance.

-----  
James R. Storm |  
Accounting Student | This message was brought to you by  
s9898198@sandcastle.cosc.brocku.ca | the letters M, Q, and the number 6  
(905) 227-9571 voice

-----  
Date: 16 Jun 1994 07:31:55 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!nctuccca.edu.tw!  
news.cc.nctu.edu.tw!news.edu.tw!aladdin.iii.org.tw!usenet@network.ucsd.edu  
Subject: SHortwave radio guide book  
To: ham-homebrew@ucsd.edu

HI!

I am considering buying a shortwave radio guide book.

Here are 3 three books to choice.

1.Passport World Band Radio 1994

2.1994 Edition Wordlradio TV Handbook

3.Shortwave Listening Guide Book, Harry Helms, Second Edition

Do you have an opinion on which one of these is better for my to buy ?

Please send mail to idpt783@tpts1.seed.net.tw preferably.

thanks a much !

-Percy WANG

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Date: 16 Jun 1994 07:32:40 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!nctuccca.edu.tw!

news.cc.nctu.edu.tw!news.edu.tw!aladdin.iii.org.tw!usenet@network.ucsd.edu

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To: ham-homebrew@ucsd.edu

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Date: 16 Jun 1994 07:32:56 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!nctuccca.edu.tw!

news.cc.nctu.edu.tw!news.edu.tw!aladdin.iii.org.tw!usenet@network.ucsd.edu

Subject: Shortwave radio guide book HELP!!!

To: ham-homebrew@ucsd.edu

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thanks a much !

-Percy WANG

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Date: (null)

From: (null)

Midnight Engineering  
1700 Washington Ave.  
Rocky Ford, CO 81067

This is a bimonthly magazine. Subscription rates  
1 year (6issues) \$24 in USA, \$29 to Canada and Mexico, \$49 other countries.

gc (a subscriber)

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End of Ham-Homebrew Digest V94 #164

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